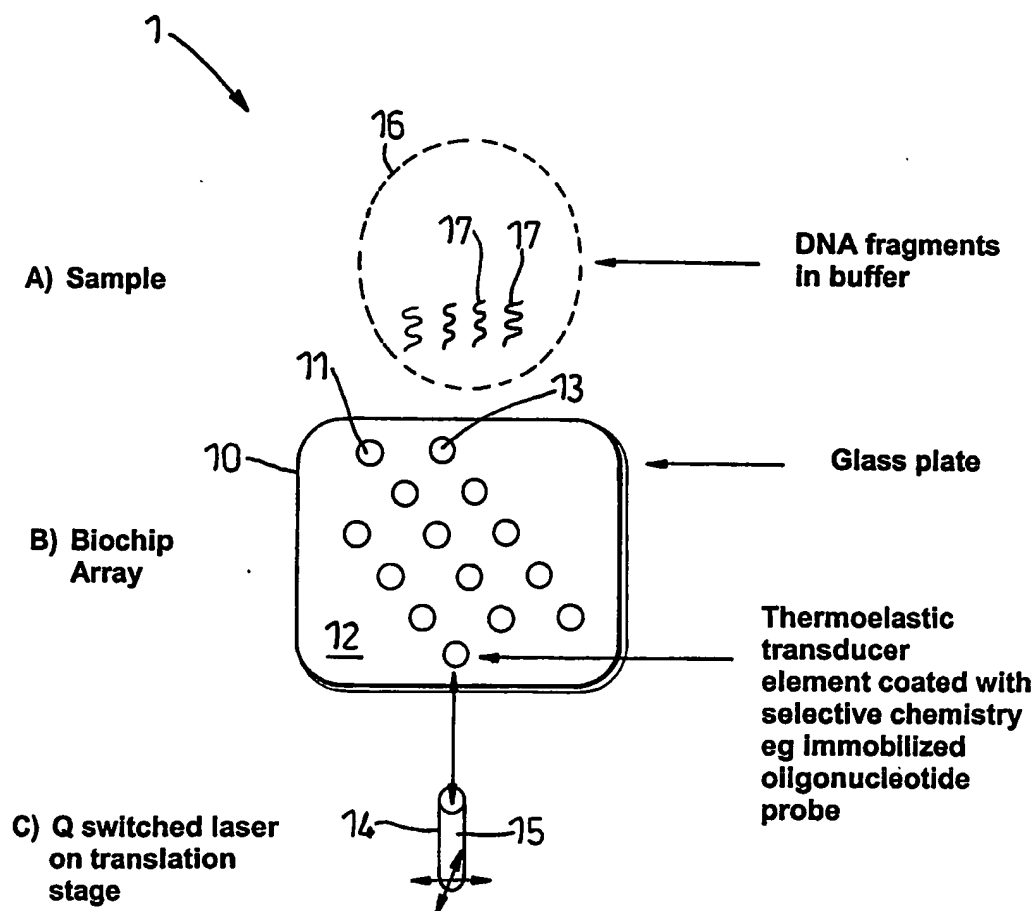


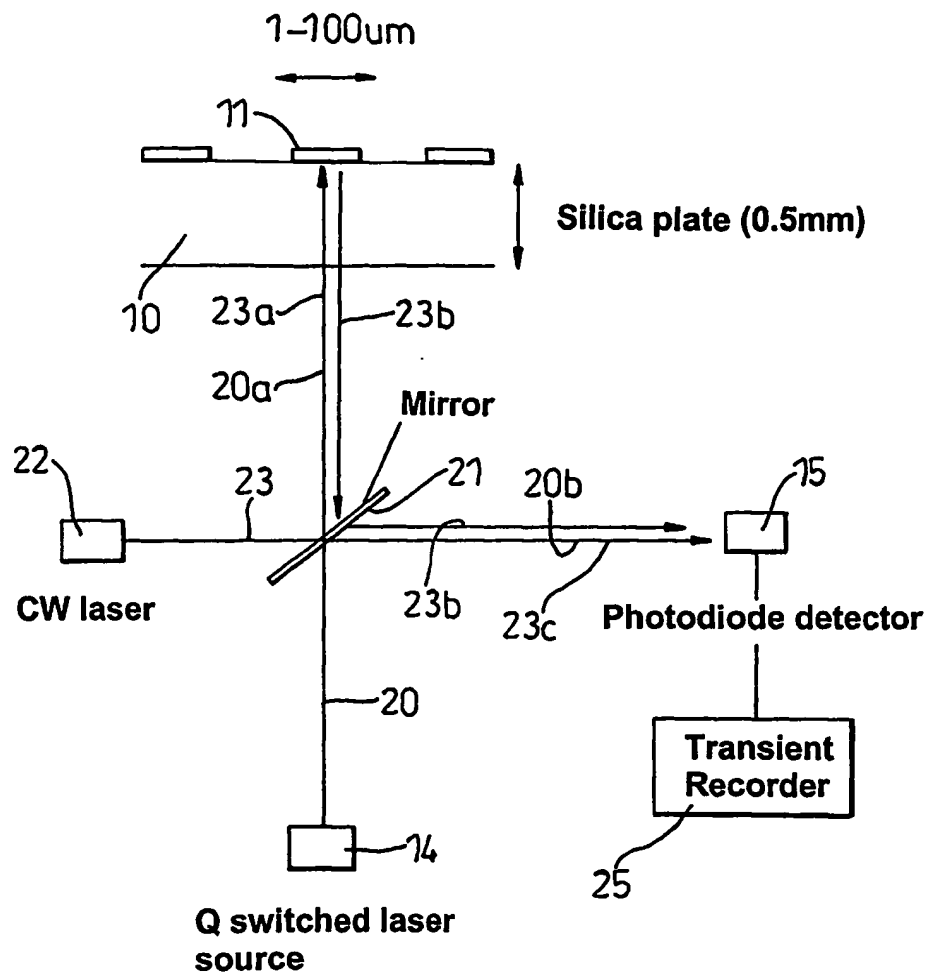
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**Fig. 1**

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**Fig. 2**

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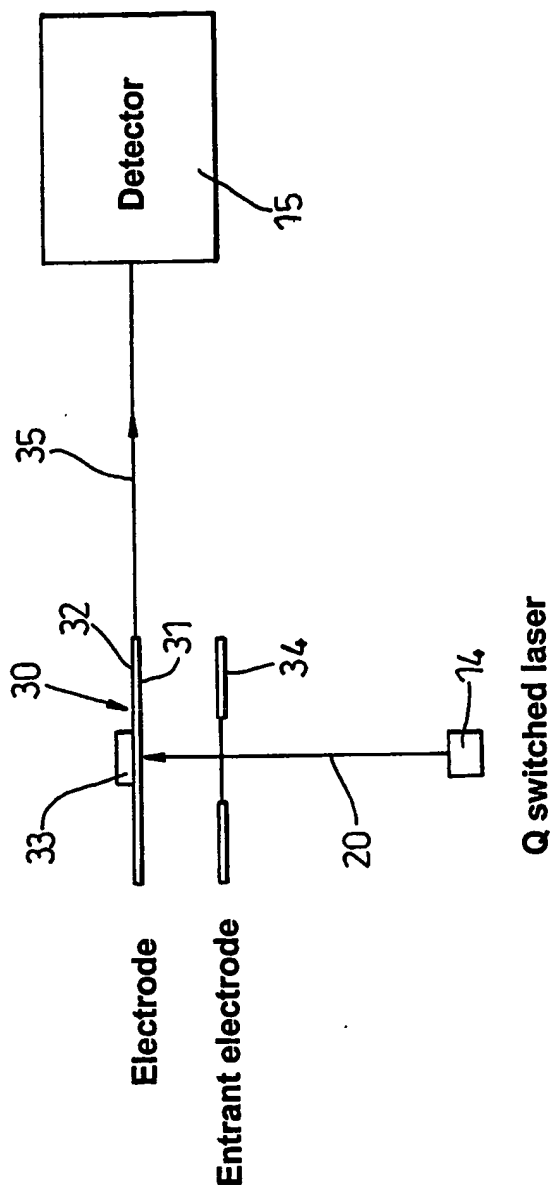


Fig. 3

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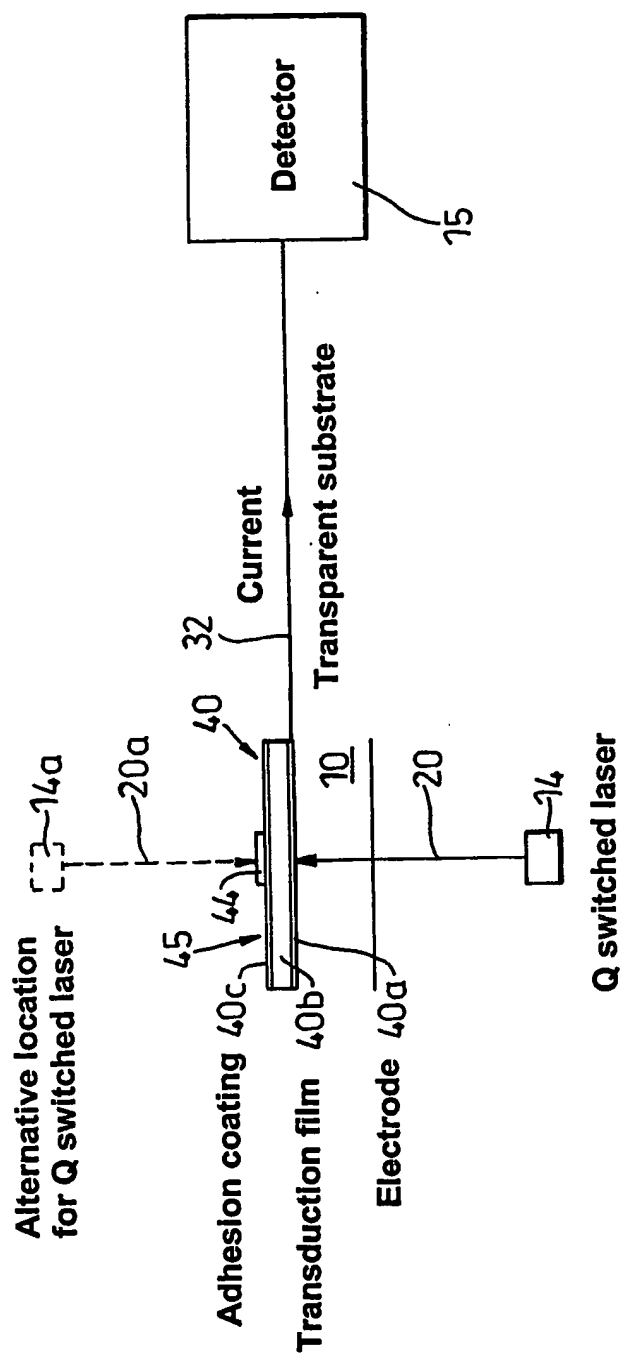
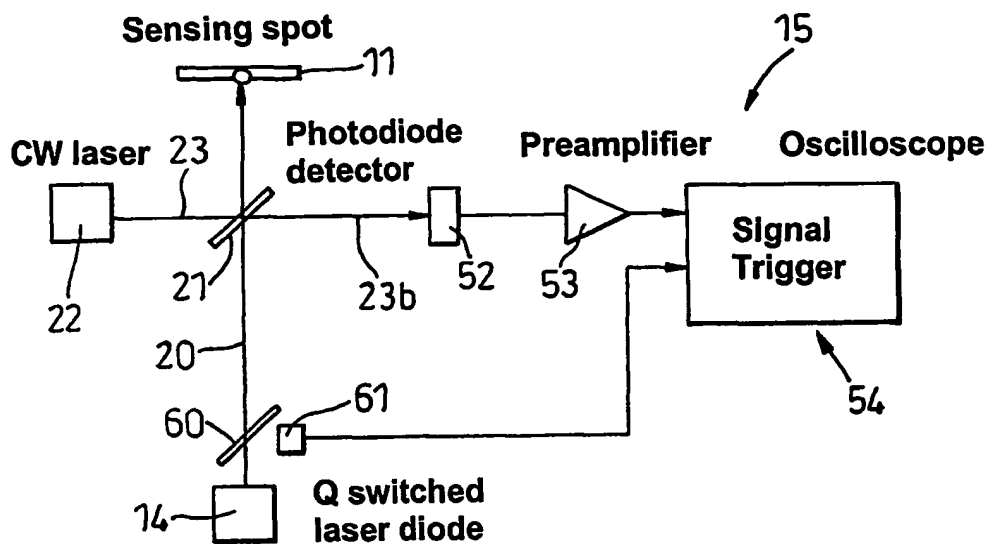
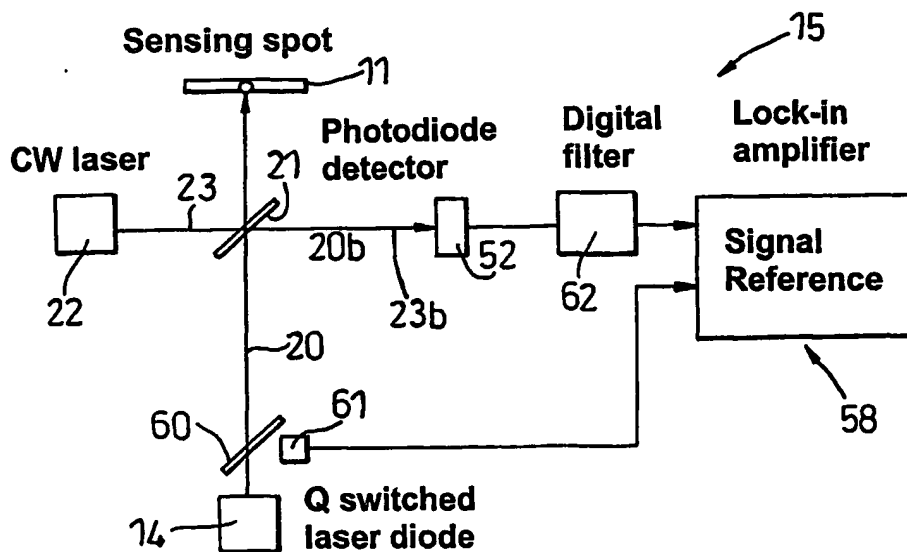


Fig. 4

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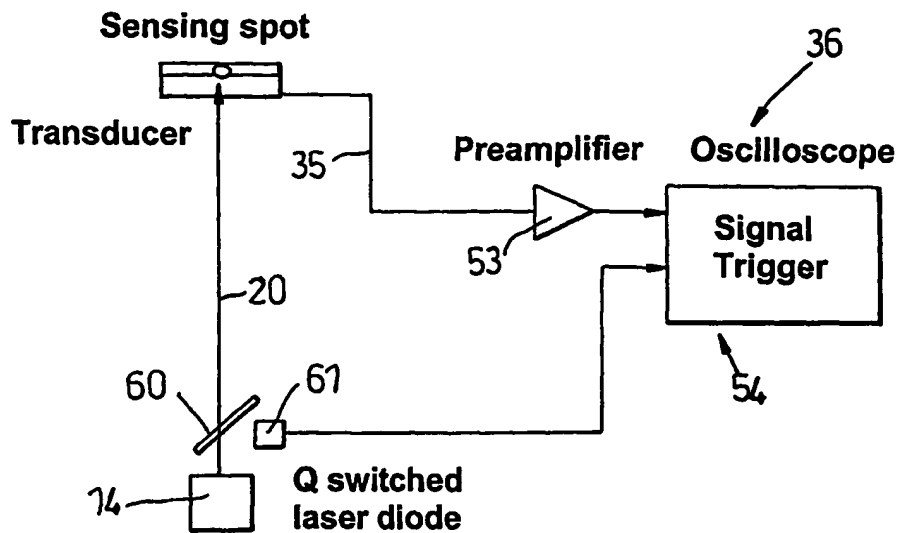


Interferometer & oscilloscope detector

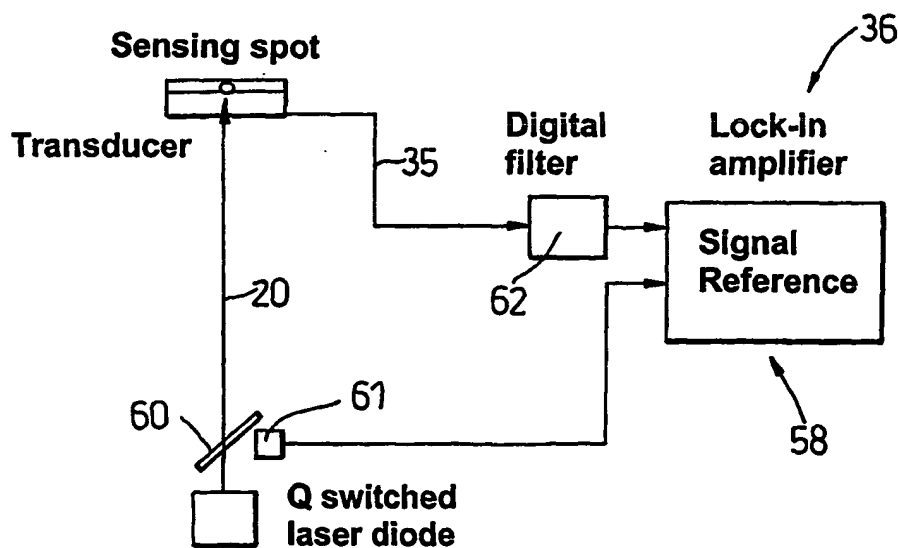
Fig. 5A

Interferometer & Lock in amplifier detector

Fig. 5B

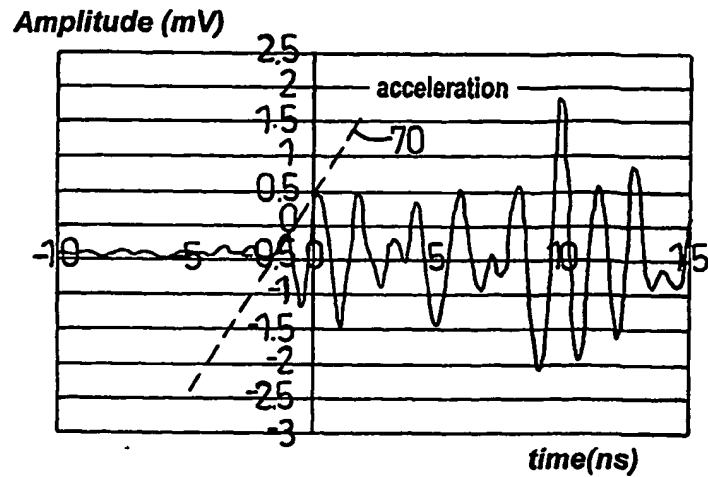


Piezo-crystal & oscilloscope detector

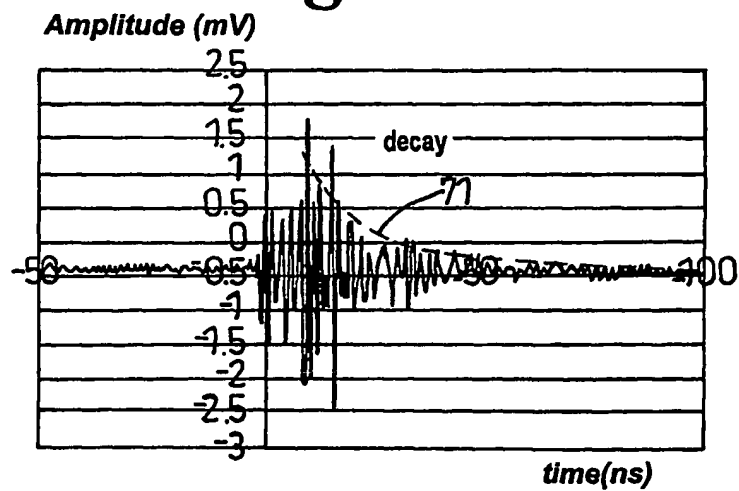
Fig. 5C

Piezo-crystal & Lock in amplifier detector

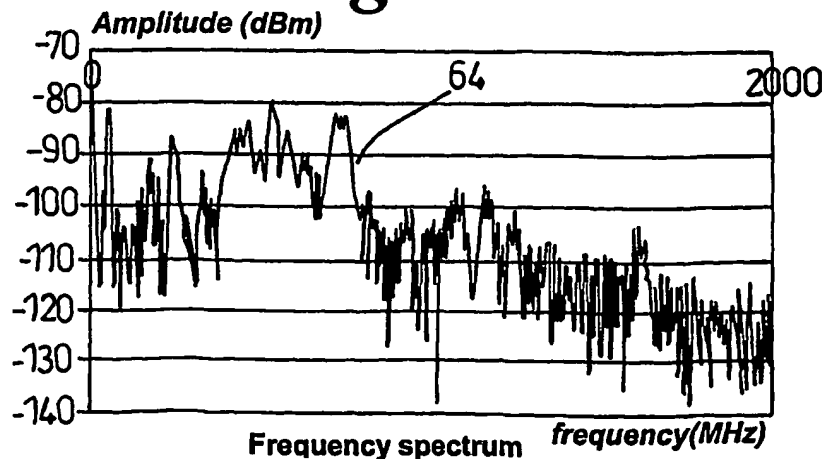
Fig. 5D



Oscilloscope detector output (high resolution)

Fig. 6A

Oscilloscope detector output

Fig. 6B

Frequency spectrum

Fig. 6C

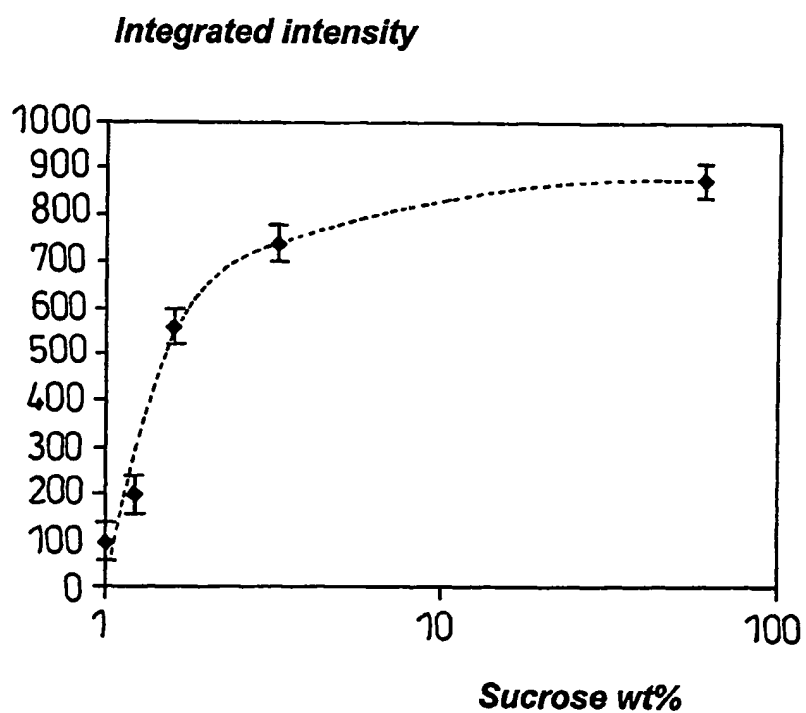
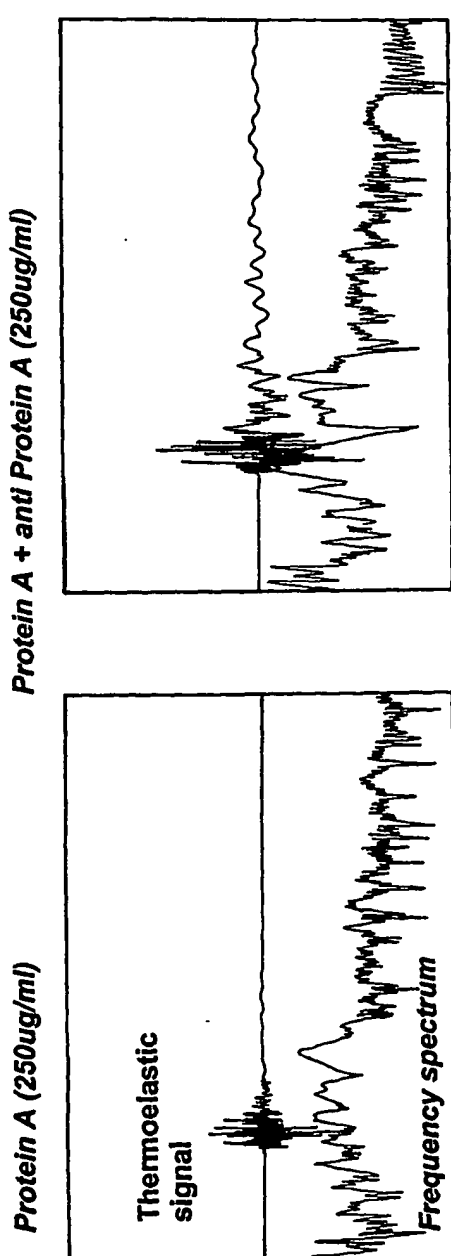
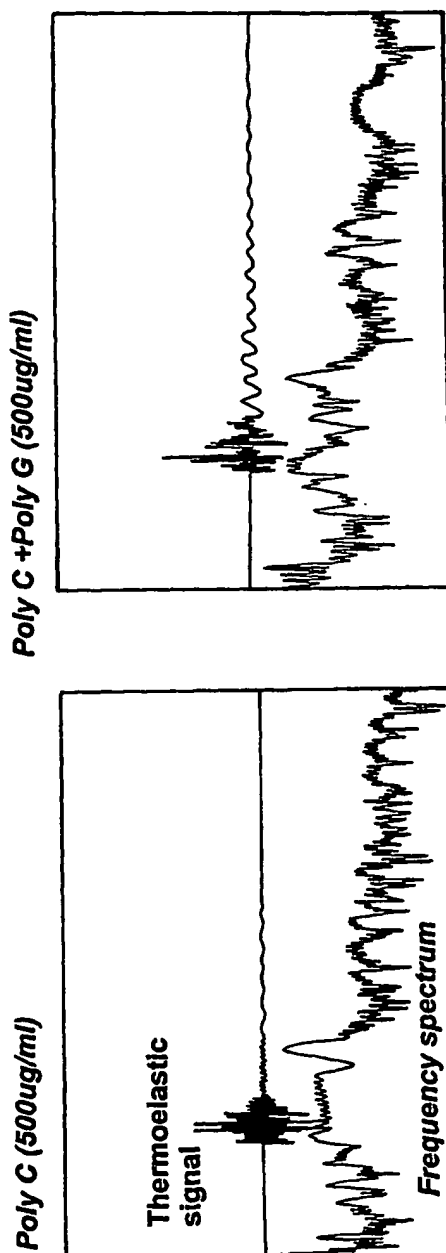


Fig. 7A



Protein A-anti Protein A

Fig. 7B



Poly C - Poly G

Fig. 7C